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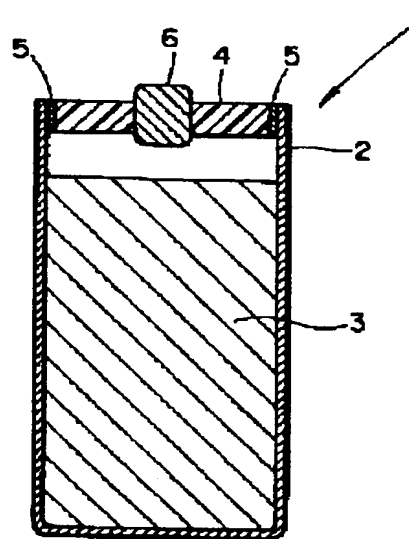
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TITLE : BATTERY



ABSTRACT : **PURPOSE:** To provide a battery at low cost, in which a cover is bonded to a container with sufficient strength resistant to the internal pressure, to enhance electrolyte leakage resistance.

CONSTITUTION: A battery 1 is manufactured by accommodating a power generating element in a container 2 formed by deep drawing of a metal plate serving as an anode. A cover 4 connected to a cathode, made of a synthetic resin which adheres to metal when heated is heat-bonded to the opening of the container 2 through an undercoating resin layer 5 which is applied to the surface to be bonded. The synthetic resin is polyamide, and the undercoating resin layer 5 is formed with an epoxy-phenol resin composition prepared by mixing bisphenol type epoxy resin with resol type phenol resin in a weight ratio of 50/50-95/5. Surface treatment for increasing the adhesion of the undercoating resin layer 5 with the container 2 is conducted in the bonding region of the container 2, and the undercoating resin layer 5 is formed on the surface treatment layer.

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